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BIBLIOGRAPHY OF AGRICULTURE

with SUBJECT INDEX

Data provided by National Agricultural Library
U.S. Department of Agriculture

ORYX PRESS

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

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Veterinary medicine ..... 003130 – 003244
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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

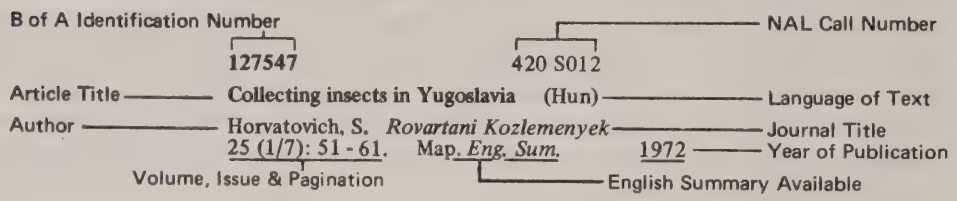
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

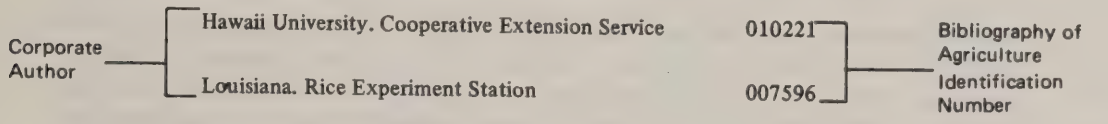
Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications; State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry section, as follows: USDA, State Experiment, and State Extension publications are arranged alphabetically by journal title abbreviation; in addition, the *Bibliography of Agriculture* Identification Numbers have been eliminated. These numbers have been dropped in these sections because all the entries appear in The Main Entry Section as well as in the sub-sections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

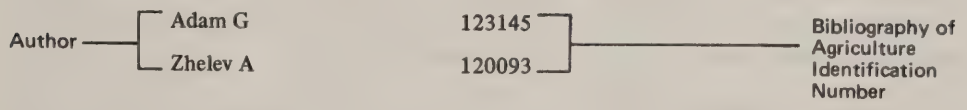
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
Electrostatic Copies:	$1.00 for each 10 pages or fraction copied from a single article or book.

Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

VIRUSES
Physical properties of blue-green **algal** *virus*
Venezuelan equine **encephalomyelitis** *virus*
Limited proteolysis of **potato** *virus* X by
with sugar beet tolerance to *virus* **yellows.**

Many general terms have been deleted from the control vocabulary, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work.

The last item of each entry is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation.

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

A Coop Ext Programs Univ Wis
A E Pap Okla State Univ Dep Agric Econ
Abeille Fr Apicul
Acarologia
Acqua Agric Ig Ind
ACS Symp Ser (Amer Chem Soc)
Acta Agron (Budap)
Acta Biol (Budap)
Acta Biol Med Ger
Acta Bot Fenn
Acta Bot Indica
Acta Endocrinol Suppl
Acta Histochem
Acta Pathol Microbiol Scand, Sect B Microbiol Immunol
Acta Pathol Microbiol Scand, Sect C Immunol
Acta Physiol Scand
Acta Soc Bot Pol
Acta Vet (Budap)
Acta Vet Scand
Actuel Dev
Adansonia
Agrar Rundsch
Agrartort Sz
Agric Adm
Agric Biol Chem
Agric Econ Bull Afr U N Econ Comm Afr Food Agric Organ U N
Agric Econ Rep Dep Agric Econ N D Agric Exp Stn N D State Univ
Agric Educ
Agric Eng (St Joseph, Mich)
Agric Handb U S Dep Agric
Agric Hong Kong Agric Fish Dep Hong Kong
Agric Hortic
Agric Los Bands
Agric North Irel
Agric Situation India
Agric Situation (Washington)
Agriculture (Paris)
Agroanimalia
Agroborealis
Agrokhimiia
Ahrokhimiia Hruntozn
Aktuel Lantbrukshogsk (Upps)
Aktuel Litinf Obstbau Berlin Tech Univ Bibl
Algodon Mex
Alkaloids
Allg Dtsch Imkerztg
Allg Forstztg
Am Bee J
Am Dairy Rev
Am Econ Rev
Am Fern J
Am J Anat
Am J Bot
Am J Clin Nutr
Am J Physiol
Am J Public Health
Am J Trop Med Hyg
Am J Vet Res
Am Midl Nat
Am Mus Novit
Am Nat
Am Nurserym
Am Orchid Soc Bull
Am Potato J
Am Sci
Am Veg Grow
An Acad Bras Cienc
An Edafol Agribiol
An Inst Bot A J Cavanilles
Anal Biochem
Angew Bot
Anim Breed
Anim Husb
Ann Appl Biol
Ann Assoc Am Geogr
Ann Biol Anim Biochim Biophys
Ann Bot
Ann Bot Fenn
Ann Entomol Fenn
Ann Fac Agrar
Ann Falsif Expert Chim
Ann Geogr
Ann Hydrobiol
Ann Immunol
Ann Med Vet
Ann Microbiol
Ann Nutr Aliment
Ann Parasitol Hum Comp
Ann Phytopathol
Ann Zootech
Annu Rep Assoc Off Seed Certifying Agencies
Annu Rev Microbiol
Annual (Pear Grow League Inc)
APE, Riv Svizz Apic
Apidologie
Appl Biochem Microbiol
Appl Entomol Zool
Appl Microbiol
Arabian Horse
Arb Osterreich Kurator Landtech
Arboric Fruit
Arboric Legno
Arch Acker- Pflanzenbau Bodenkd
Arch Biochem Biophys
Arch Exp Veterinarmed
Arch Gartenbau
Arch Lebensm Hyg
Arch Microbiol
Arch Tierernahr
Arch Vet
Arch Virol
Arq Esc Vet Univ Fed Minas Gerais
Arroz Asoc Nac Prod Arroz
ARS-NC Agric Res Serv U S Dep Agric
Atoll Res Bull
Audubon
Aust Beekeep
Aust J Chem
Aust J Exp Biol Med Sci
Aust J Soil Res
Aust Vet J
Aust Water Resour Counc Tech Pap
Avian Pathol
B Coop Ext Programs Univ Wisc
Baromfitenyesztes
Bedrijfsontwikkeling
Beitr Entol
Beitr Entomol
Beitr Tabakforsch
Ber Eidg Anstalt Forstl Vers
Ber Getreidechem Tag
Ber Landwirtsch (Hamburg)
Berl Munch Tierarztl Wochenschr
Better Crops Plant Food
Bibliogr Dtsch Wetterd
Biene
Bienenpflege
Bienenvater
Bienenwelt
Biken J
Biochem Biophys Res Commun
Biochem Exp Biol
Biochem J
Biochem Pharmacol
Biochem Physiol Pflanz BPP
Biochemistry (Easton)
Biochim Biophys Acta
Biokhimiia
Biol Bull
Biol Ecol Med
Biol J Linn Soc
Biol Jaarb
Biol Reprod
Biol Zentralbl
Biologico
Biomembranes
Biophysics
BIOS
Biotechnol Bioeng
Biotropica
Blatter Landtech
Bol Agric
Bol Estac Exp Agric (Tucuman)
Bol Ind Anim
Boll Chim Farm
Bonplandia
Bonsai J
Bot Bull Acad Sin, New Ser
Bot Gaz
Bot J Linn Soc
Bot Rev
Bot Zh
Bothalia
Br J Nutr
Br J Pharmacol
Br Poult Sci
Br Vet J
Branntweinwirtschaft
Brauwelt
Brew Dig
Brittonia
Broil Ind
Bull A S P S (Afr Suc Plant Soc)
Bull Azabu Vet Coll
Bull Calif Insect Surv
Bull Desert Inst
Bull Environ Contam Toxicol
Bull Gov For Exp Stn (Tokyo)
Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Bull Inf CNEEMA (Cent Natl Etud Exp Mach Agric)
Bull Inst Agric Sci
Bull Jap Soc Sci Fish
Bull Kans Agric Exp Stn
Bull Morris Arbor
Bull North Scotl Coll Agric
Bull Res Div, Va Polytech Inst State Univ
Bull Soc Entomol Fr
Bull Soc Pathol Exot Ses Fil
Bull Soc R Bot Belg
Bull Soc R For Belg
Bull Soc Sci Nat Ouest Fr
Bull Soc Sci Vet Med Comp Lyon
Bull Tech Inf Minist Agric (Paris)
Bull Torrey Bot Club
Bull Trimest Soc Mycol Fr
Bull Univ Conn Coop Ext Serv
Bull Vet Inst Pulawy
Bull W H O
Bull Zool Nomencl
Buvar
C R Hebd Seances Acad Sci, Ser D Sci Nat
C R Seances Soc Biol Fil
Cac Suc Mex
Cah Ing Agron
Cah O R S T O M Ser Ent Med Parasitol (Off Rech Sci Tech Outre-Mer)
Calcif Tissue Res
Calif Vet
Cameroun Agric Pastor For
Can Entomol
Can Field Nat
Can J Anim Sci
Can J Biochem
Can J Bot
Can J Comp Med
Can J For Res
Can J Microbiol
Can J Zool
Cane Grow Q Bull
Carbohydr Res
Caryologia
Castanea
CCP F A O
Cell Immunol
Cell Tissue Res
Cereal Chem
Cereal Foods World
Champignon
Chem Ber
Chem Biol Interactions
Chem Chem Ind
Chem Commun
Chem High Polym
Chem Ind (Tokyo)
Chem Nat Compd
Chem Pharm Bull
Chemosphere
Chih-wu Hsueh-pao
Chromatographia
Chromosoma
Circ N C Agric Ext Serv
Citrograph
Citrus Sub-Trop Fruit J
Citrus Veg Mag
Clays & Clay Miner
Clin Toxicol
Colloid J USSR
Comb Proc Int Plant Propag Soc
Comp Biochem & Physiol A, Comp Physiol
Compost Sci
Conf Food Agric Organ U N
Consumer Reports
Cornell Vet
CRC Crit Rev Environ Control (Chem Rubber Co)
CRC Crit Rev Food Technol (Chem Rubber Co)
CRC Handb Lab Anim Sci
Cryobiology
Ctry Life
Cuban J Agric Sci
Curr Sci
Curr Top Radiat Res
Cytobiologie
Cytol Genet
Czas Geogr
Dairy Farmer
Dairy Ind
Dairy Notes
Dairy Scope
Dairy Tales
Dan Erhvervsfjerkrae
Dan Skovforen Tidsskr
Darb, C Ser Biol Mokslaij Liet TSR Mokslu Akad
Dechenia
Def Veg
Dev Biol
Dev Econ
Dev Ind Microbiol
Dev Psychobiol
Differentiation
Dokl Akad Nauk Az SSR
Dokl Akad Nauk SSSR
Dokl Akad Nauk UzSSR
Dokl TSKHA (Timiriazevskaia S-kh Akad)
Dokl Vses Akad S-kh Nauk
Dtsch Agrartech
Dtsch Forstm
Dtsch Lebensm Rundsch
Dtsch Milchwirtsch
Dtsch Molk Ztg
Dtsch Pelztierz
DTW (Dtsch Tierarztl Wochenschr)
Eatonia
ECE/AGRI U N Jt FAO/ECE Agric Div
Ecol Food Nutr
Ecol Res Ser EPA U S Environ Prot Agency
Econ Idaho Agric
Econ Inf Rep Dep Econ N C State Univ Raleigh
Egypt J Bot
Egypt J Pharm Sci
Einzelbericht Forschungsges Agrarpolit Agrarsoziologie Bonn
Ekon Sel'sk Khoz
Elektrif Selsk Khoz Vses Nauchn Issled Inst Elektrif Sels Khoz
Elelmez Ipar
EM Coop Ext Serv Coll Agric Wash State Univ
Empress Chinchilla Breeder
Endocrinology
Entomol News
Entomol Obozr
Entomol Rec J Var
Entomol Rev
Entomol Z
Entomophaga
Environ Entomol
Environ Monit Ser EPA U S Environ Prot Agency
Environ Pollut
Environ Prot Technol Ser EPA U S Environ Prot Agency
Environ Res
Environ Sci Tech
ERD Rep Fla Dep Citrus Econ Res Dep
ERFA (Erdogazdasag Faipar)
Ergeb Buchhaltungserheb Landwirtschaftsbetr Rechnungsjahr Stat Schr Schweiz Bauernsekr
ERS U S Dep Agric Econ Res Serv
Essent Nematodology
Essenze Deriv Agrum
Essex Suc Rev
Etud CNEEMA (Cent Natl Etud Exp Mach Agric)
Eur J Biochem
Eur J Pharmacol
Euro-Farm Bus
Exp Parasitol
Experientia
Ext Bull ASPAC Food Fert Technol Cent (Asian Pac Counc)
Faipar
Farm Fact
Farmer Parliament
Farmers Bull
Farmers Bull U S Dep Agric

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

Farmers Rep Univ Leeds Sch Agric Sci Econ Div
Farming Mech
Faserforsch Textiltech
FAS-M U S Foreign Agric Serv
Fauna, Nor Zool Foren Tidsskr
FEBS Lett (Fed Eur Biochem Soc)
Fed Proc Fed Am Soc Exp Biol
Feedlot Manage
Fermes Mod
Fert News
Fette Seifen Anstrichm
Field Notes U S For Serv
Finn Chem Lett
Fiziol Rast (Mosk)
Fla Entomol
Fla Nat
Fleischerei
Fleischwirtschaft
Flora Sporovykh Rast Kaz Akad Nauk Kaz SSR
Flora Trop East Afr
Florists Rev
Focus Beef
Foldr N C Agric Ext Serv
Food Cosmet Toxicol
Food Manuf
Food Nutr
Food Nutr Notes Rev
Food Prod Dev
Food Serv Mark
Food Technol
Food Technol Aust
Food Technol N Z
For Prod J
Forderungsdienst
Foreign Agric Circ, Cocoa FCB (U S Dep Agric)
Foreign Agric Circ, Dairy FD (U S Dep Agric)
Foreign Agric U S Foreign Agric Serv
Forst Holzwirt
Forstarchiv
Forsttech Inf
Front Plant Sci
Frugtavleren
Fruits & Abeilles
FVMPA Butter-Fat (Frazer Val Milk Prod Assoc)
G Alleva
G Bot Ital
Gabonaipar
Gac Colmenar
Gac Vet
Gard J
Gart Kleintierzucht, C Imker
Gartenbau
Gaz Agric (Lourenco Marques)
Gaz Apic
Gazdalkodas
Gemuse
Gen & Comp Endocrinol
Gen Tech Rep PSW Pac Southwest For Range Exp Stn USDA For Serv
Genet Res
Genetics
Genetika
Genio Rurale
Geoderma
Geogr Rev
Geol Soc Am Bull
Geol Surv Prof Pap U S Dep Inter
Geophytology
Geoponika
Geriatrics
Getreide Mehl Brot
Ghana J Agric Sci
Gidrotekh Melior
Gig Tr
Gordian
Gosamvardhana
Grana
Great Basin Nat
Great Lakes Entomol
Ground Water
Growth
Grundlagen Landtech
Handb Naturschutzgebiete Deut Demokr Repub
Haryana J Hortic Sci
Hassadeh
Herba Hung
Hereditas
Holzforsch Holzverwert
Holzforschung
Holzindustrie
Holztechnologie
Holzzucht
Home Gard Bull U S Dep Agric
Hoppe Seylers Z Physiol Chem
Hortsci
Husipar
Hydrobiologia
Im Blickfeld
Imkerfreund
Imple Tractor
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Ind Lact
Ind Leche
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Indian J Chem
Indian J Dairy Sci
Indian J Exp Biol
Indian J Farm Sci
Indian J Med Res
Indian J Nutr Diet
Indian Pulp Pap
Inf Bot Ital
Inf Internes Agric
Infect Immun
Insecta Matsumura
Int Arch Allergy Appl Immunol
Int Holzmarkt
Int J Appl Radiat Isot
Int J Insect Morphol Embryol
Int J Parasitol
Int Sugar J
Int Z Landwirtsch
Invest Agric (Santiago)
IPIRI J (Indian Plywood Indus Res Inst)
Ir For
Ital For Mont
J Agric Assoc China
J Agric Chem Soc Jap
J Agric Econ
J Agric Eng Res
J Agric Sci (Camb)
J Am Anim Hosp Assoc
J Am Chem Soc
J Am Diet Assoc
J Am Soc Hortic Sci
J Am Vet Med Assoc
J Anim Ecol
J Appl Chem
J Appl Meteorol
J Ariz Acad Sci
J Assoc Public Anal
J Bacteriol
J Biochem (Tokyo)
J Biol Chem
J Biol Stand
J Bot Soc S Afr
J Bot U A R
J Br Grassl Soc
J Can Diet Assoc
J Cell Physiol
J Cell Sci
J Chem Inf Comput Sci
J Chem Soc, Perkin Trans I
J Chin Agric Chem Soc
J Chin Chem Soc
J Clin Microbiol
J Colloid Interface Sci
J Comp Physiol
J Dairy Sci
J East Afr Nat Hist Soc Nat Mus
J Econ Entomol
J Embryol Exp Morphol
J Endocrinol
J Environ Health
J Environ Manage
J Exp Bot
J Exp Zool
J Ferment Technol
J Flour Anim Feed Milling
J Food Sci
J Food Sci Tech
J For
J For Suisse
J Gen Microbiol
J Gen Virol
J Hyg
J Indian Chem Soc
J Insect Physiol
J Jap Bot
J Milk Food Technol
J Mol Biol
J Morphol
J N Y Entomol Soc
J Nutr
J Org Chem
J Photochem
J Physiol
J Physiol (Paris)
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J Reprod Fertil
J Sci Food Agric
J Sci Hiroshima Univ Ser B, Div 1 Zool
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J Small Anim Pract
J Soc Dairy Technol
J Soil Sci
J Soil Water Conserv
J Steroid Biochem
J Suisse Apicul
J Tenn Acad Sci
J Text Inst
J Texture Stud
J Theor Biol
J Ultrastruct Res
J Wash Acad Sci
J Water Pollut Control Fed
J Wildl Manage
J Zool
Jap J Anim Reprod
Jap J Bot
Jap J Breed
Jarmuvek, Mezogazd Gepek
Kajian Vet (Malaysia Singapore)
Kakteen Sukkulenten
Kartoffelbau
Kehutanan Indones
Kerala J Vet Sci
Khim Sel'sk Khoz
Kleintier Prax
Kolloid Z
Kooperation
Kosmos
La Vie Agric Meuse
Lab Invest
Lab Pract
Lait
Landbo Nyt
Landbouwkd Tijdschr
Landmasch Rundsch
Landtechnik
Landwirtsch Forsch
Leafl Coop Ext Serv Univ Arkansas Div Agric
Leben Erde
Lebensm Ind
Len Konopliia
Life Sci
Lipids
Livest Breed J
Lloydia
Luonnon Tutkija
M MA (Macch Mot Agric)
Madrono
Makromol Chem
Mar Biol
Mark Res Rep U S Dep Agric
Mech Roln
Med Nor Myrselsk
Medd SLL (Statens Lantbrukskem Lab)
Medd Sven Traforskningsinst
Meieriposten
Mejeribrugets Uge-Nyt
Meld Landbrukstek Inst Vollebekk Nor
Mex Sus Bos
Mezhdunar S-kh Zh
Mezogazd Tech
Micron
Microscope
Mikrokosmos
Milchwirtsch Ber Bundesanst Wolfpassing Rotholz
MIRINZ Meat Indus Res Inst N Z
Mitt DLG (Dtsch Landwirtsch Ges), Ausg A
Mitt Eidg Anst Forstl Verschwes
Mitt Schweiz Braunviehzuchtverb
Mod Vet Pract
Mol Gen Genet (MGG)
Molk-Ztg Welt Milch
Molochn Prom St
Mondo Latte
Monogr Biol
Monti Boschi
Mosq News
Mushroom J
Mutat Res
Myforest
N Z J Agric
N Z J Agric Res
N Z J Bot
N Z Soil Bur Bibliogr Rep
N Z Soil News
N Z Vet J
Nat Belg
Nat Can
Nat Res J
Natl Cac Suc J
Natl Wool Grow
Naturalist
Nature
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Neth J Plant Pathol
Neue Bienenzucht
News Farmer Coop U S Farmer Coop Serv
Niger Agric J
Nogyo Gijutsu
Nor Hagetid
Nor Landbruk
Nor Skogbruk
Nor Skogind
Nord Mejeritidsskr
Nord Veterinaermed
Nov Sist Vyssh Rast Akad Nauk SSSR
Nucleic Acids Res
Nuovi Ann Ig Microbiol
Nutr Metab
Nutr Rep Int
Nutr Rev
Ny Jord
Oecol Plant
Oecologia
Ohio Rep Res Dev Agric Home Econ Nat Resour
Oils Oilseeds J
Oleagineux
Org Gard Farming
Origins Life
Ovoshtarstvo
PANS Pest Artic News Summ
Pap Puu
PB Natl Tech Inf Serv Commer
Pchelarstvo
Pchelovodstvo
Pedobiologia
Pepinier Hortic Maraich
Peptides
Pest Control Circ Sunkist Grow
Pestic Biochem Physiol
Pesticides
Pflugers Arch
Pharm Weekbl
Pharmacology
Photochem Photobiol
Photogramm Eng Remote Sensing
Physik Unserer Zeit
Physiol Plant Pathol
Phytochemistry
Phyton
Phytopathol Z
Phytoprotection
Pig Farming
Plant Cell Physiol
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Plant Foods for Man
Plant Inventory U S Dep Agric Plant Ind Stn
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Plant Physiol
Plant Prot Bull (Rome)
Plant Sci Bull
Plant Sci Lett
Plant Soil
Plant Syst Evol
Planta
Plants Gard
Pluimveehouderij
PM Coop Ext Serv Iowa State Univ
Pochvovedenie
Pol Arch Weter
Pollen Spores
Pomol Fr
Poult Sci
Power Farming
Prakt Lantbruk
Prakt Tier
Priroda (Mosk)
Problemy osvoeniia pustyn'
Proc Congr Int Soc Sugar Cane Technol
Proc Entomol Soc Wash
Proc Indian Acad Sci, Sec B
Proc Inst Food Sci Technol (U K)
Proc Int Conf World Assoc Adv Vet Parisotol
Proc Jap Acad
Proc N Z Soc Anim Prod
Proc Natl Acad Sci U S A
Proc R Soc Lond, B Biol Sci
Proc Res Soc Jap Sugar Refin Technol
Proc Res Summ Presented Va Feed Conv Nutr Conf
Proc Soil Crop Sci Soc Fla
Process Biochem
Prog Agric Vitic
Prog Fire Retardancy Ser
Prog Food Nutr Sci
Prog Hortic
Prostaglandins (Los Altos)
Protoplasma
Przegl Geogr
Przegl Hodowla
Publ Agric Can
Publ Cultur Cia Diamantes Angola Mus Dundo
Publ Landbouw Econ Inst Afd Streekonderz
Pulp & Pap Can
Pulse
Q J Chin For
Q Rev Biol
Qual Plant Plant Foods Human Nutr
Queensl J Agric Anim Sci
Radiat Bot
Radiat Environ Biophys
Rapp Proefstn Rundveehouderij
Rassenber IVRO Wageningen (Inst Rassenonderz Landbouwgewassen)
Recl Med Vet
Redia G Zool
Redog Forskningsstiftelsen Skogsarbeten
Reordenamento
Rep Discuss Meet Inst G B
Rep Food Grain Drying Storage Handl Transp Food Feed Grain Inst Kans State Univ
Rep Inst Agric Res Tohoku Univ
Res Norw Agric
Res Note NC USDA For Serv North Cent For Exp Stn For Serv U S Dep Agric
Res Rep Texas Univ Nat Fibers Econ Res
Respir Physiol
Rev Agron Noroeste Argent
Rev Asoc Argent Criad Cerdos
Rev Belg Vins Spiritueux
Rev Bras Biol
Rev Cafetalera
Rev Ceres
Rev Ecol Biol Sol
Rev Elev Med Vet Pays Trop
Rev Etud Coop
Rev Fac Vet Univ Teheran

Rev Fr Apic
Rev Fr Corps Gras
Rev Geogr Lyon
Rev Hortic Suisse
Rev Ind Agric Tucuman
Rev Latinoam Microbiol
Rev Mark Agric Econ
Rev Med Vet (Toulouse)
Rev Mycol
Rev Vet Can
Rev Zool Afr
Rheinische Bienenztg
Rhod Agric J
Rhod Vet J
Rhodora
Rice J
Ringyo Gijitsu For Tech
Riso
Riv Agric Subtrop Trop
Riv Biol
Riv Ing Agrar
Riv Stor Agric
Rocz Akad Roln Poznan
Rocz Nauk Roln, Ser B Zootech
RSRI Discuss Pap Ser (Reg Sci Res Inst)
RTVA
RTVA (Rev Tech Vet Abattoirs Hyg Aliment)
S D Farm Home Res
Sakh Prom-st'
Samaru Agric Newsl
Samaru Misc Pap
Samaru Res Bull
Sante Abeille
Sarsia Univ Bergen
Sb Nauchn Tr Vses Nauchno-Issled Inst Ekon Sel'sk Khoz
Sch Foodserv J
Schrift Veg
Schweiz Arch Tierheilkd
Schweiz Bienen-Zeitung
Schweiz Landwirtsch Forsch
Schweiz Landwirtsch Monatsh
Schweiz Z Obst Weinbau
Sci Bull Coll Agric Univ Ryukyus Okinawa
Sci Cult
Sci Hortic
Sci New Guinea Univ Papua
Sci Rep Fac Agric Ibaraki Univ
Sci Rep Fac Agric Okayama Univ
Sci Rep Tohoku Univ Seven Ser (Geogr)
Science
Seed Sci Technol
Seifen Ole Fette Wachse
Ser Cient Inst Invest Agron Angola
Silvae Genet
Skogen
Slovenski Cebelar
Smaskrift Landbruksdep Opplysningstjenesten (Norway)
Smithson Contrib Zool
So Afr Bee J
Soil Biol Biochem
Soil Conserv
Soils Found
South Pac Bull
Southwest Vet
Sov Genet
Sov Plant Physiol
Soz Forstwirtsch
Span
SPC Inf Doc (South Pac Comm)
Spec Circ Pa State Univ Ext Serv
Stat Bull U S Dep Agric
Stat Rep World Agric Prod Trade
State For Notes Calif Div For
State Vet J
Stud Inf, Zemed Tech
Subtrop Kul't
Suppl Entomol Scand
Sver Skogvardsforb Tidskr
Swed J Agric Res
Symp Br Ecol Soc
TAG (Theor Appl Genet)
Tagungsber Dtsch Demokr Repub Dtsch Akad Landwirtschaftswiss Berl
Taiwan J Vet Med Anim Husb
Taiwan Sugar
Taiwan Water Conserv
Tappi (Tech Assoc Pulp Paper Ind)
Tec Molit
Tech Bull Agric Exp Stn Univ Minn
Tech Bull Univ Maine Orono Life Sci Agric Exp Stn
Tech Bull Wash Agric Exp Stn
Tekh Sel'sk Khoz
Teratology
Termeszet Vilaga
Tetrahedron Lett
Tex Vet Med J
Text Res J
Theriogenology
Tidsskr Plant
Tierarztl Umsch
Tierzucht
Tierzuchter
Tijdschr Diergeneeskd
Tissue Cell
Tob Situation
Tohoku J Agric Res
Tokyo Geogr Pap
Tolvmandsbladet
Toxicol Appl Pharmacol
Tr Mosk O-va Ispyt Prir Otd Biol
Trans Am Fish Soc
Trans ASAE Gen Ed (Am Soc Agric Eng)
Trans Ill State Acad Sci
Trans Int Congr Soil Sci
Trans R Soc Trop Med Hyg
Tree Plant Notes
Trop Agric (Guilford)
Trop Grassl
TSitologiia
TVA Bibliogr Tenn Val Auth Tech Libr
U S D A For Serv Gen Tech Rep I N T U S Intermt For Range Exp Stn
U S D A For Serv Res Pap NE (U S Dep Agric Northeast For Exp Stn)
U S For Serv For Pest Leafl
Umweltschutz
USDA For Serv Gen Tech Rep RM Rocky Mt For Range Exp Stn For Serv U S Dep Agric
USDA For Serv Res Note PNW (Pac Northwest For Range Exp Stn U S Dep Agric)
USDA For Serv Res Notes PSW (Pac Southwest For Range Exp Stn U S Dep Agric)
USDA For Serv Res Pap PSW (Pacific Southwest For Range Exp Stn U S Dep Agric)
Uzb Biol Zh
Veroff Land- Hauswirtsch Auswertungs- Informationsdienst
Versl Meded Plantenziektenkd Dienst Wageningen Minist Landbouwen Viss
Versuchsergeb Bundesanst Pelanzenbau Samenpruf Wien
Vestis Latv PSR Zinat Akad
Vestn S-kh Nauki (Mosc)
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Veterinariia (Mosk)
Victorian Hortic Dig
Virology
Visn Sil's'kohspod Nauki
Visnyk Akad Nauk Ukr RSR
Vitamin
Vitis
VM SAC (Vet Med Small Anim Clin)
Voeding
Vopr Ekon
Vopr Pitan
VP X Environ Can For Serv
Waldhygiene
Water & Waste Treat
Water Pollut Control
Water Res
Water Resour Bull
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Wien Tierarztl Monatsschr
Wilhelm Roux Arch Entwicklungsmech Org
Willdenowia
Wintertagung Osterreichische Ges Land Forstwirtsch
Wirtschseig Futter
Wiss Z Humboldt Univ Berl
Wood Ind
Wood Sci Technol
Wool Technol Sheep Breed
World Crops
World Wood
Yayin Istanbul Univ Orman Fak
Z Acker Pflanzenbau
Z Angew Entomol
Z Ausl Landwirtsch
Z Ernahrungswiss
Z Lebensm Unters Forsch
Z Parasitenkd
Z Pflanzenkr Pflanzenschutz
Z Pflanzenphysiol
Z Pflanzenzucht
Z Tierphysiol Tierernahr Futtermittelkd
Z Tierz Zuchtungsbiol
Zashch Rast
Zentralbl Bakteriol Parasit Infektiowskr Hyg, Zweite Naturwiss Abt
Zentralbl Bakteriol Parasitenkd Infekionskr Hyg, I Abt Orig, reihe A Med Mikrobiol Parasitol
Zentralbl Veterinarmed, Reihe B
Zesz Probl Postepow Nauk Roln
ZL (Zahradnicke Listy)
Zool J Linn Soc
Zool Zh
ZOON J Zool Inst Zool Univ Upps
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ORYX PRESS

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Magnetic tapes supplied by the library are computer processed, using several vocabulary control mechanisms. The resulting indexes provide access to the literature in considerably less time than would be required by traditional indexing techniques.

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with SUBJECT INDEX

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INTRODUCTION

The *Bibliography of Agriculture* is a monthly index to the literature of agriculture and allied sciences, based upon the indexing records prepared by the U.S. National Agricultural Library, for its CAIN (Cataloging and Indexing) computer system. The Oryx Press, in cooperation with Datagraphics Press, Inc., prepares and publishes the Bibliography under the control of its own computer indexing system.

CONTENT

The National Agricultural Library collects literature related to agriculture from world wide sources. The Bibliography includes journal articles, pamphlets, government documents, special reports, proceedings, etc. Books, new serials and other materials recently cataloged by the Library are announced in the *National Agricultural Library Catalog* published by Rowman and Littlefield. Material covered by both the Bibliography and the Catalog is also available through computerized, on-line interactive systems offered by System Development Corporation and Lockheed Information Systems.

Publications are considered for indexing in the CAIN System if a summary, abstract or title is available in a language in which the Library has expertise. Articles of substantial interest to the agricultural community are selected by specialists on the library staff. Editorials, letters to the editor, regular columns, and articles signed with pseudonyms or initials are not included. Indexing of articles on the processing of agricultural products is limited to those on primary processing. Generally material must have been published in the current year or the preceding year, but exceptions are made for comprehensive volumes or works of special significance to a wide audience.

The Bibliography is now divided into ten sections: A main entry section, five main entry sub-sections, a geographic index, a corporate author index, a personal author index, and a subject index. In addition, a list of Journal Titles indexed in this issue is included in the front matter.

MAIN ENTRY SECTION

The main entry section provides full bibliographic data for the records added to the CAIN system during the preceding month by the National Agricultural Library.

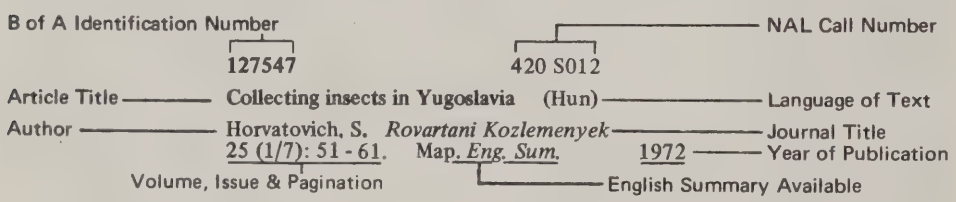
Entries are assigned to one (or more if appropriate) of the broad subject categories shown in the table of contents. The array of subject categories was increased in 1973 to facilitate browsing through a small number of citations of high relevance to a particular interest. Approximately equal numbers of citations will fall into each category over a given period of time. In assigning materials to the categories, first consideration is given to the aspect, discipline or methodology involved, so that the categories will enhance information given in the title.

Within each category, entries are arranged alphabetically by journal title abbreviation. This permits rapid locating and scanning of articles from journals which are known to be relevant.

Each entry begins with a six digit identification number assigned sequentially throughout a volume year. This number serves as an identfier for the item in the various indexes. The call number of the National Agricultural Library is also noted on the first line of each entry, and should be included in any correspondence with the library. All titles are in English, using the Library's translations of non-English titles as necessary. If the text is other than English, the original language is indicated in parentheses following the title, using the following notations:

(Afr)	Afrikaans	(Fle)	Flemish	(Lit)	Lithuanian
(Alb)	Albanian	(Fre)	French	(Mac)	Macedonian
(Arm)	Armenian	(Geo)	Georgian	(Nor)	Norwegian
(Aze)	Azerbaijani	(Ger)	German	(Pol)	Polish
(Bel)	Belorussian	(Gre)	Greek	(Por)	Portuguese
(Bul)	Bulgarian	(Heb)	Hebrew	(Rum)	Rumanian
(Bur)	Burmese	(Hun)	Hungarian	(Rus)	Russian
(Chi)	Chinese	(Ice)	Icelandic	(Ser)	Serbian
(Cro)	Croatian	(Ind)	Indonesian	(Slo)	Slovak
(Cze)	Czech	(Ita)	Italian	(Slv)	Slovenian
(Dan)	Danish	(Jap)	Japanese	(Spa)	Spanish
(Dut)	Dutch	(Kor)	Korean	(Swe)	Swedish
(Est)	Estonian	(Lat)	Latin	(Tha)	Thai
(Fin)	Finnish	(Lav)	Latvian	(Tur)	Turkish
				(Ukr)	Ukrainian

In order to identify bibliographic elements within each main entry, note the following:



MAIN ENTRY SUB-SECTIONS

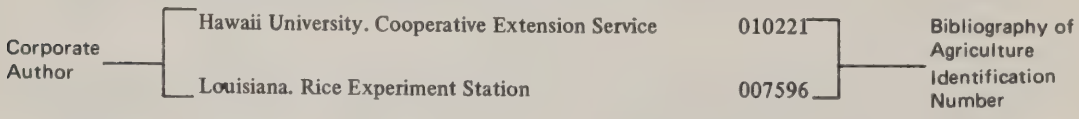
Since The Oryx Press became publisher of the *Bibliography of Agriculture* (in January 1975), five main entry sub-sections have been added. These sections follow The Main Entry Section and appear in the following order: USDA Publications; State Agricultural Experiment Station Publications; State Agricultural Extension Service Publications; FAO Publications; and Translated Publications. Each of these five sections appeared in the original *Bibliography of Agriculture* published by the U.S. Department of Agriculture prior to 1970. The citation format used in these five sections differs from The Main Entry section, as follows: USDA, State Experiment, and State Extension publications are arranged alphabetically by journal title abbreviation; in addition, the *Bibliography of Agriculture* Identification Numbers have been eliminated. These numbers have been dropped in these sections because all the entries appear in The Main Entry Section as well as in the subsections.

GEOGRAPHIC INDEX

As part of our goal of constantly increasing access to the literature, we have added a geographic index. This index is a direct alphabetic listing of all place names which have been indexed in association with the title. Obviously not all titles will have geographic entries. The indexing division of the National Agricultural Library will add geographic descriptors wherever it is germane to the subject of the article.

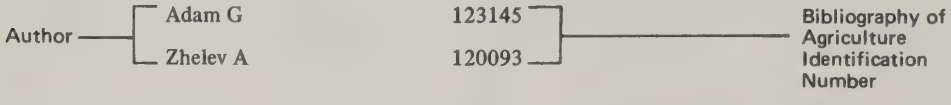
CORPORATE AUTHOR INDEX

Readers will note that the corporate author index is considerably enlarged. We are now able to indicate authorship of the publications of the State Agricultural Experiment Stations and Extension Services. The full corporate citation is given, followed by the six digit identification number referring to its appropriate main entry.



AUTHOR INDEX

All personal authors (to a maximum of ten for each citation) are included in the index. Entries are made by last name and initials, followed by the six digit identification number referring to the bibliographic data in the main entry section.



SUBJECT INDEX

The vocabulary of the *Bibliography of Agriculture* is derived from the indexed literature. As a result, it reflects both natural language and scientific terminology. The reader must keep this fact in mind and approach the subject index without any preconceived taxonomy in mind. For example, data on a particular member of the ACARIDAE family may be found under TICKS as well. Prevention measures will be found under ACARICIDE.

The reader should plan his search in terms of the most specific natural language term prior to searching under a scientific term. However, note that the vocabulary is an open ended one and new terms are added each month. Undoubtedly readers will be more keenly aware of crucial search terms within their own fields of research. If such terms are missing, we hope readers will notify the editor of such gaps. The Subject Index will increase its utility if there is frequent interaction between the research community and the editor.

All entries are complete (none are truncated), and are based on single words in the title (and title enrichment when added by the library). An entry will be made whenever a title word matches a word on the authority file, which currently contains over 25,000 terms. The file is organized so that in most cases synonymous terms are grouped together under a single subject heading. Thus singular and plural forms are grouped under a single term as are grammatical variants.

The title word on which the entry is based, appears in italics to facilitate rapid scanning of the index. A secondary word, which may either precede or follow the primary word, appears in bold face type. The alphabetic sequence is by the secondary (bold face) word. These word pairs help provide finer access to desired terms, particularly under headings which have many entries.

CHEESES

Production and sale of *Gorgonzola* **cheese** [Prices, trade, productive capacity]. 227693

The **cheese** *industry*. 227819

Information for the consumer and advertising abroad of typical *Italian* **cheeses** [Prices]. 227689

Not enough to produce—Sale of *Italian* **cheeses** urgency of modern forms and efficient structures [Prices, trade].

Many general terms were deleted from the control vocabulary in 1975, and work is underway on the establishment of a more complete list of specific terms. Each subsequent issue will reflect this work. The *Thesaurus of Agricultural Terms,* published in 1976, reflects all the changes made in the control vocabulary through December 1975.

The last item of each entry in the Subject Index is the six digit *Bibliography of Agriculture* identification number. Use this number to locate the complete main entry citation in the monthly issues.

AVAILABILITY OF REFERENCES CITED

Most of the current publications of the Department of Agriculture, and publications issued by the State Experiment Stations and the State Agricultural Extension Services, may be obtained free of charge by applying directly to the issuing agency. The National Agricultural Library does not distribute them, nor does the publisher.

Users who wish to obtain full text for citations should first utilize the resources of their local libraries. For material which is not readily available from other sources, users may request material from the National Agricultural Library. Such requests must include the complete citation as well as the Library's call number. Microfilm or electrostatic copies of documents may be purchased from the Photocopying Service of the National Agricultural Library, U.S. Department of Agriculture, Beltsville, Maryland 20705. Copy charges are:

Microfilms:	$1.00 for each 30 pages or fraction copied from a single article or book
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Payment must accompany the order. Cash, library coupons, check, or money order drawn to the National Agricultural Library, USDA, are acceptable. Payment for orders originating outside the United States should be made by international money order or draft on an American bank, or by UNESCO book coupons. Library coupons, valued at $1.00 each, may be purchased in any quantity from the Library's Photocopying Service.

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

A Coop Ext Programs Univ Wis
A E Pap Okla State Univ Dep Agric Econ
A E R S Dep Agric Econ Rural Sociol Agric Exp Stn Pa State U
A E S C Agric Exp Stn
A P P S Newsl Aust Plant Pathol Soc
Abeille Fr Apicul
Acta Agric Scand
Acta Anat
Acta Biol Cracov, Ser Zool
Acta Biol Med Ger
Acta Bot Indica
Acta Entomol Bohemoslov
Acta Fytotech
Acta Hydrobiol
Acta Izd Prirodonaucn Muz
Acta Microbiol Pol, Ser A Microbiol Gen
Acta Microbiol Pol, Ser B Microbiol Appl
Acta Parasitol Iugosl
Acta Physiol Scand
Acta Phytopathol
Acta Phytotaxon Geobot (Kyoto)
Acta Univ Agric, Fac Agron
Acta Vet (Belgr)
Acta Vet Scand
Acta Virol
Acta Zool (Budap)
Acta Zootech
Adansonia
ADAS Q Rev (Agric Dev Advis Serv)
Adv Appl Microbiol
Adv Ecol Res
AERR Dep Agric Econ Agric Exp Stn Univ Ill Urbana Champaign
Agrar Rundsch
Agrarwirtschaft
Agric Bergamasca
Agric Biol Chem
Agric Econ Rep Dep Agric Econ Mich State Univ
Agric Econ Rep Econ Res Serv U S Dep Agric
Agric Educ
Agric Exp Stn Res Rep N M State Univ
Agric Gaz N S W
Agric Handb U S Dep Agric
Agric Hist Rev
Agric Inf Bull U S Dep Agric
Agric Merch
Agric Meteorol
Agric Prog (Shrewsbury)
Agric Res
Agric Res Rev
Agriculture (Paris)
Agrinews (Botswana)
Agrochemija
Agrohemija
Agron Trop (Paris)
Agroservice
Alexanor
Aliso
Allg Dtsch Imkerztg
Am Bee J
Am Dairy Rev
Am Dyest Rep
Am For
Am J Bot
Am J Clin Nutr
Am J Physiol
Am J Public Health
Am J Trop Med Hyg
Am J Vet Res
Am Nurserym
Am Orchid Soc Bull
Am Potato J
Am Veg Grow
Amer School Board J
Amis Roses
An Edafol Agribiol
Anal Chim Acta
Anat Rec
Angew Parasitol
Anim Breed
Anim Husb
Anim Prod
Anim Quar
Ann Accad Naz Agric
Ann Agric Fenn
Ann Amelior Plant
Ann Arid Zone Arid Zone Res Assoc India
Ann Bot
Ann Inst Pasteur (Paris)
Ann Pharm Fr
Ann Sci For
Ann Sci Nat Bot Biol Veg
Ann Zool Fenn
Annee Biol
Annu Rep Div Plant Ind C S I R O
Annu Rep Prog Chem Sect B Organic Chem
Antarct J U S
Apidologie
Appl Microbiol
Arable Farmer
Arb DLG (Dtsch Landwirtsch Ges)
Arb Osterreich Kurator Landtech
Arch Acker- Pflanzenbau Bodenkd
Arch Biochem Biophys
Arch Hydrobiol
Arch Inst Aclim (Almeria)
Arch Inst Pasteur Alger
Arch Int Pharacodyn Ther
Arch Latinoam Nutr
Arch Microbiol
Arch Roum Pathol Exp Microbiol
Arch Toxikol
Arch Virol
Arch Zootec
Arecanut Spices Bull
Arkh Anat Gistol Embriol
ARS 62 Agric Res Serv U S Dep Agric Consum Food Econ D Iv
ARS-NC U S Agric Res Serv North Cent Reg
ARS-NE U S Agric Res Serv Northeast Reg
ARS-S U S Agric Res Serv South Reg
ASCS Background Inf Bl (Agric Stab Conserv Serv)
Atlas Flory Pol Ziem Oscien
Atlas Stuct Agraires Sud Sahara
Atti Soc Ital Sci Vet
Aust Beekeep
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Aust For Ind J
Aust J Bot
Aust J Exp Agric Anim Husb
Aust Vet J
Aust Water Resour Counc Tech Pap
Av Aliment Mejora Anim
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Baromfiipar
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Bartonia
Bauhinia
Beih Nova Hedwig
Beret Statens Forsogsmejeri
Berl Munch Tierarztl Wochenschr
Biatas, The Tillage Farmer
Bibl Sel'sk Profsoiuznogo Akt
Bibl Wiad IMUZ (Inst Melior Uzytkow Zielon)
Bibliogr Ser Inst Pap Chem
Biene
Bienenpflege
Bienenvater
Bienenwelt
BIF (Assoc Anc Eleves Inst Indus Ferment Brux)
Big Farm Manage
Biken J
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Biochem Genet
Biochem J
Biochemistry (Easton)
Biochim Biophys Acta
Biochimie
Biokhimiia
Biol J Linn Soc
Biol Plant
Biol Pr, Vydavatelstvo Slov Akad Vied
Biol Reprod
Biol Rev
Biologia, Ser A Bot
Biophysics
Biorheology
BioScience
BioScience Am Inst Biol Sci
Biotechnol Bioeng
Biul Inst Hodowli Aklim Rosl
Biull Moskovsk O-va Ispyt Prir Otd Biol
Blood Cells
Blumea
Bois Forets Trop
Boissiera
Bol Agric
Bol Mus Para Emilo Goeldi, Nova Ser, Zool
Bol Mus Paraense Emilo Goeldi, Nova Ser Bot
Boll Chim Farm
Bot J Linn Soc
Bot Mag
Bot Mus Leafl Harv Univ
Bot Not
Br Bee J
Br J Exp Pathol
Br J Nutr
Branntweinwirtschaft
Brauwelt
Brauwissenschaft
Bull A S P S (Afr Suc Plant Soc)
Bull Acad Pol Sci, Ser Sci Biol
Bull Acad Vet Fr
Bull Am Mus Nat Hist
Bull Anc Eleves Ec Meun ENSMIC (Ec Natl Super Meun Ind Cereal
Bull CETIOM (Cent Tech Interprof Ol Metrop)
Bull Cl Sci, 5e Ser Acad R Belg
Bull Coll Agric Utsunomiya Univ
Bull Conn Univ Coop Ext Serv
Bull Entomol Res
Bull Entomol Soc Egypt, Econ Ser
Bull Environ Contam Toxicol
Bull Fac Agric Hirosaki Univ
Bull Fac Agric Meiji Univ
Bull Fla Agric Exp Stn Inst Food Agric Sci Univ Fla Gainesville
Bull Gos Nikitsk Bot Sad
Bull Grain Technol
Bull Inf CNEEMA (Cent Natl Etud Exp Mach Agric)
Bull Inf Rizic Fr
Bull Inst Agric Sci
Bull Inst Zool Acad Sin
Bull Int Soc Soil Sci
Bull Jap Soc Sci Fish
Bull Kans Agric Exp Stn
Bull Mens Soc Linn Lyon
Bull Miss Agric For Exp Stn
Bull Mont Agric Exp Stn Mont State Univ
Bull Morris Arbor
Bull N D Geol Surv
Bull N J Agric Exp Stn Coll Agric Environ Sci Rutgers Univ State Univ N J
Bull Natl Inst Agric Sci, Ser B Soils Fert
Bull O I V
Bull OEPP (Organ Eur Mediterr Prot Plant)
Bull Pa State Univ Coll Agric Agric Exp Stn
Bull Res Div, Va Polytech Inst State Univ
Bull Sci, Sect A Sci Nat Tech Med Cons Acad Sci Arts RSF Yougosl
Bull Soc Bot Fr
Bull Soc Entomol Egypte
Bull Storrs Agric Exp Stn Coll Agric Nat Resour Univ Conn Storrs
Bull Tohoku Natl Agric Exp Stn
Bull Tokai Kinki Natl Agric Exp Stn
Bull Tokyo Univ For
Bull Trop Agric Res Train Cent (Turrialba)
Bull Univ Conn Coop Ext Serv
Bull Univ Ill Coll Agric Agric Exp Stn
Bull W H O
Bull W Va Univ Agric Exp Stn
Bull Wash (State) Agric Exp Stn
Bull Wash State Univ Ext Serv
Buvar
C Coop Ext Serv Max C Fleischmann Coll Agric Univ Nev Reno
C R Hebd Seances Acad Sci, Ser D Sci Nat
Cafe Cacao The
Cah Ing Agron
Cajanus
Calif Cattlem
Calif Hortic J
Can For Ind
Can Home Econ J
Can J Plant Sci
Can Med J
Carbohydr Chem
Carbohydr Res
CCP F A O
Cell Tissue Res
Cellul Carta
Cellul Chem Technol
Centralbl Gesamte Forstwes
Cereal Chem
Cereal Foods World
Ceylon J Sci, Biol Sci
Challenge
Chem Age India
Chem Commun
Chem Ind (Lond)
Chem Pharm Bull
Chemosphere
Chimia
Chmelarstvi
Chromosoma
Chron Przyr Ojczysta
Cienc Invest
Circ Agric Exp Stn Auburn Univ
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Citrograph
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Citrus Sub-Trop Fruit J
Clays & Clay Miner
Clin Vet
Coconut Bull
College Management
College Univ Bus
Commentat Biol Soc Sci Fenn
Commercial Kitchen & Dining Room
Commonw For Rev
Comp Biochem & Physiol B, Comp Biochem
Compact
Conf Food Agric Organ U N
Contrib Mar Sci (Port Aransas)
Cooking for Profit
Cornell Vet
Cotton Dev
Cotton Gin Oil Mill Press
Cotton Grow Rev
Cow Moos
Cranberries
Crop Sci
Crops Soils
CSIRO Food Res Q
Ctry Life
Cukoripar
Cult Dairy Prod J
Cultivar
Curr Sci
Cytobiologie
Cytologia
Dairy Counc Dig
Dairy Herd Improv Inf Ariz Univ Coll Agric Ext Serv
Dairy Herd Manage
Dairy Ind
Dairy Notes Calif Univ Agric Ext Serv
Dairy Situation (Wash, D C)
Dairy Tales
Dairyman (Armadale)
Darwiniana
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Dokl Akad Nauk BSSR
Dokl Akad Nauk SSSR
Dokl Akad Nauk Tadzh SSR
Dokl Akad Nauk UzSSR
Dokl TSKHA (Timiriazevskaia S-kh Akad)
Dokl Vses Akad S-kh Nauk
Down Earth
Dtsch Baumsch
Dtsch Molk Ztg
DVM (Chicago)

Ecol Monogr
Ecol Res Ser EPA U S Environ Prot Agency
Ecologist
Econ Agric
Econ Idaho Agric
Econ Mark Inf Mo Agric Dep Agric Econ Coop Ext Serv Univ Mo
Econ Rep Econ Publ Branch Manit Dep Agric
Econ Rep ER Minn Univ Dep Agric Appl Econ
Effluent Water Treat J
Ekol Pol
Ekologiia (Sverdlovsk)
Ekon Sov Ukr
Elelmiszerviz Kozl
Elem Sch J
Elev Insemination
EM Coop Ext Serv Coll Agric Wash State Univ
Empress Chinchilla Breeder
Endeavour
Endocrinology
Entomol Ber (Amsterdam)
Entomol News
Entomol Phytopathol Appl
Entomol Rec J Var
Entomol Scand
Entomol Z
Environ Monit Ser EPA U S Environ Prot Agency
Environ Prot Technol Ser EPA U S Environ Prot Agency
Environ Res
Equip Tips
ERS U S Dep Agric Econ Res Serv
Esso Farmer
Euphytica
Eur J Appl Microbiol
Eur J Biochem
Europ J Immunol
Exp Agric
Exp Anim
Exp Cell Res
Exp Gerontol
Exp Hematol
Exp Hortic
Exp Husb
Experientia
Experientiae
Ext Bull ASPAC Food Fert Technol Cent (Asian Pac Counc)
Ext Bull E Coop Ext Serv Mich State Univ
Ext Serv Rev U S Fed Ext Serv
FAO Agric Dev Pap
Farm Build Dig
Farm Econ (Pa State Univ)
Farm Fact
Farm Lett
Farm Mech Stud G B Agric Dev Advis Serv
Farm Ranch Home Q
Farmers Bull U S Dep Agric
Farming Zambia
Faun-Okol Mitt
FCS Inf U S Dep Agric Farmer Coop Serv
FCS Res Rep Farmer Coop Serv U S Dep Agric
FDA Papers
Fed Proc Fed Am Soc Exp Biol
Federation Proc
Feedstuffs
Feldwirtschaft
Fermes Mod
Fert Solu
Fette Seifen Anstrichm
FIBRA
Fieldiana, Geol
Financ Agric
Fiziol Biokhim Kult Rast
Fiziol Rast (Mosk)
Fiziol Zh SSSR
Fla Mar Res Publ
Flavour Ind
Fleisch
Fleischerei
Flora Slodkowodna Pol Pol Akad Nauk Inst Bot
Flore Cameroun
Floresta (Curitiba)
Florists Rev
Flugbl Bundesanst Pflanzenschutz Landwirtsch Bakteriol Versuchsanst
Foldr N C Agric Ext Serv
Folia For
Folia Geobot Phytotaxon
Folia Morphol
Food Cosmet Toxicol
Food Eng
Food Management
Food Manuf
Food Nutr
Food Nutr Notes Rev
Food Prod Dev
Food Serv Mark
Food Technol
Food Technol Aust
For Econ
For Occas Pap Food Agric Organ U N
For Prod J
For Sci
For Serv Res Pap WO U S Dep Agric
Forecast Home Econ
Foreign Agric Circ, Dairy FD (U S Dep Agric)
Foreign Agric Circ, Tob FT (U S Dep Agric)
Foreign Agric Econ Rep U S Dep Agric Econ Res Serv
Foreign Agric U S Foreign Agric Serv
Forsch Berat, Reihe B Wiss Ber Landwirtsch Fak Univ Bonn
Fortschr Tierphysiol Tierernahr
Fortschritte Pflanzenzuchtung
Fragm Balc Izd Prirodonaucn Muz
Fragm Faun Pol Akad Nauk Inst Zool
Fresenius Z Anal Chem
Fruit World Mark Grow
Fruits & Abeilles
Ga Cattleman
Ga Dairym
Ga Vet
Gac Vet
Gard Bull Singapore
Gard, Fruit and Flower Guide Miss State Univ Ext Serv
Gaz Apic
Gaz Cukrow
Genet And Plant Breed
Genetics
Geol Surv Prof Pap U S Dep Inter
Geomorfologiia
Geoponika
Gestencild Versl Lab Tuinbouwplantenteelt Landbouwhogesch (Wageningen)
Givaudan Flavor
Glean Bee Cult
Gosamvardhana
Grapevine Calif Univ Berkeley Agric Ext Serv
Grasas Aceites
Great Plains Agric Counc Publ
Grundlagen Landtech
Grune
Haryana J Hortic Sci
Heredity
Highlights Agric Res
Hilgardia
Hoards Dairym
Hog Farm Manage
Holz Kunststoffverarbeitung
Home Econ Res J
Home Gard Bull U S Dep Agric
Hymenopt Cat Nova Ed
I C A Informa (Inst Colomb Agropecu)
I C A R Tech Bull, Agric Ser (Indian Counc Agric Res)
Idojaras
Imkerfreund
Immunochemistry
Immunology
In Annual Proceedings American Association of Zoo Veterinarians
In Atti dell' Conbegno sui Problemi Della Montagna
In Improved Fund Availability at Rural Banks Report and Study Papers of the Committee on Rural Banking Problems
In Nat Prod Chem
In New Tech Biophys & Cell Biol
In Non-sulfur Pulping Symposium
In Proc Intersect Congr Int Assoc Microbiol Soc
In Proceedings of Setting a Statewide Land Use Policy
In Productivity of Photosynthesis in Forest Trees in Dependence on various Environmental Conditions
In Seminario Regional sobre Insecticidas, Fungicidas y Herbicides
In Tappi Forest Biology Conference
In Trade negotiations and world food problems; papers for a Conference
In Training Manual: Post-Harvest Prevention of Waste and Loss of Food Grains
Ind Aliment
Ind Aliment Agric
Ind Aliment Anim
Ind Conserv
Indian Agric
Indian Food Pack
Indian Hortic
Indian J Agric Econ
Indian J Chem
Indian J Med Res
Indian J Pharm
Indian J Physiol Pharmacol
Indian J Poult Sci
Indian J Power River Val Dev
Indian Phytopathol
Indian Poult Rev
Indian Pulp Pap
Inf Agric (Paris)
Inf Bull Near East Cereal Improv Prod Proj
Inf Conf Cursos Reun I I C A (Interam Inst Cienc Agric)
Inf Internes Agric Eur Econ Community
Inf Rep BC-X Pac For Res Cent
Inf Rep NOR-X North For Res Cent (Edmonton Alberta)
Infect Immun
Insect Biochem
Insp Rep Purdue Univ Agric Exp Stn
Instit/vol Feeding
Int Biodeterior Bull
Int J Insect Morphol Embryol
Int J Peptide Protein Res
Int J Radiat Biol Relat Stud Phys Chem Med
Int J Syst Bacteriol
Int Pest Control
Int Rev Cytol
Int Sugar J
Inten Agric
Iowa State J Res
Ir Vet J
Isr Agric
Isr J Bot
Ital For Mont
IUFRO Joint Meeting of Working Parties on Popul and Ecol Genet, Breed Theory and Progeny Testing
Izv Akad Nauk Kaz SSR, Ser Biol
Izv Akad Nauk Tadzh SSR
Izv Akad Nauk Turkm SSR, Ser Biol Nauk
Izv Akad Nauk Turkm SSR, Ser Fiz Tekh Khim Geol Nauk
Izv Bul Akad Nauk Zool Inst Muz
Izv Bulg Akad Nauk Inst Obshta Sravn Patol
Izv Timiriazevsk S-kh Akad
Izv Vyssh Uchebn Zaved, Pishch Tekhnol
J Agric Chem Soc Jap
J Agric (Melb)
J Agric Sci (Setagaya)
J Agric South Aust
J Agric Tasman
J Agric West Aust
J Air Pollut Control Assoc
J Am Anim Hosp Assoc
J Am Chem Soc
J Am Diet Assoc
J Am Oil Chem Soc
J Am Soc Farm Manage Rural Apprais
J Am Soc Hortic Sci
J Am Soc Sugar Beet Technol
J Am Vet Med Assoc
J Anim Sci
J Appl Bacteriol
J Appl Chem
J Appl Meteorol
J Appl Nutr
J Appl Polym Sci
J Arboric
J Arnold Arbor
J Assoc Off Anal Chem
J Aust Inst Agric Sci
J Bacteriol
J Biochem (Tokyo)
J Bioenerget
J Biol Chem
J Can Diet Assoc
J Cell Biol
J Chem Eng Jap
J Chem Soc, Perkin Trans I
J Chem Soc, Perkin Trans II
J Chin Chem Soc
J Chromatogr
J Coffee Res
J Comp Pathol
J Comp Physiol Psychol
J Dairy Res
J Dairy Sci
J Elisha Mitchell Sci Soc
J Embryol Exp Morphol
J Endocrinol
J Environ Qual
J Environ Syst
J Exp Biol
J Exp Bot
J Exp Mar Biol Ecol
J Exp Zool
J Fac Agric Kyushu Univ
J Fac Agric Shinshu Univ
J Fac Fish Anim Husb Hir Univ
J Fish Res Board Can
J Food Sci
J For
J Ga Entomol Soc
J Gen Appl Microbiol
J Gen Microbiol
J Gen Physiol
J Helminthol
J Hered
J Home Econ
J Immunogenet
J Indian Chem Soc
J Insect Physiol
J Inst Brew
J Jap Soc Hortic Sci
J Jap Vet Med Assoc
J Kans Entomol Soc
J Lepid Soc
J Lipid Res
J Med Entomol
J Med Microbiol
J Membr Biol
J Microsc (Paris)
J Milk Food Tech
J Milk Food Technol
J Miss Acad Sci
J Mol Biol
J Nutr
J Nutr Sci Vitaminol
J Org Chem
J Palynol
J Parasitol
J Pathol (Edinb)
J Phycol
J Physiol
J Polym Sci, Part A 1 Polym Chem
J Polym Sci, Polym Sci
J Range Manage
J Res Punjab Agric Univ
J S Afr Bot
J Sch Health
J Sci Soil Manure
J Small Anim Pract
J Soil Conserv Serv N S W
J Soil Water Conserv
J Steroid Biochem
J Theor Biol
J Turk Phytopathol
J Ultrastruct Res
J Virol
J Water Pollut Control Fed
J Zool
Jahr Naturwiss Abt Landesmus Joanneum Graz
Jahresber Dtsch Forstverein
Jap J Appl Entomol Zool
Jap J Genet
Jap J Sanit Zool
Jap J Vet Res
Jap J Vet Sci
Jap Poult Sci
Jarmuvek, Mezogazd Gepek
JARQ (Jap Agric Res Q)
Jordbruksekon Medd
Kartofel Ovoschi
Kartofel' Ovoshchi
Kat Fauny Pol
Kertgazdasag
Khim Sel'sk Khoz
Khlopkovodsto
Konservn Ovoshchesushil Prom-st'
Kraftfutter
L Coop Ext Serv Max C Fleischmann Coll Agric Univ Nev Reno
La Agric
La Rural Econ
Lab Invest
Lab Pract
Landwirtsch Forsch Sonderh
LASCA Leaves (Los Ang State Cty Arbor)
Lav Arroz
Le Cafe
Leafl Coop Ext Serv Univ Ga Coll Agric
Leafl U S Dep Agric
Lebensm Ind
Len Konopi
Len Konopliia
Lesn Khoz
Lesn Prom-st
Lesn Zh Izv Vyssh Uchebn Zaved
Lesovedenie
Lesovod Agrolesomelior
Lichenologist
Life Sci
Lincoln, Neb.
Lipids
London
LSU For Notes
M A F E S Res Highlights (Miss Agric For Exp Stn)
Magy Allatorv Lapja
Magy Textiltech
Mar Biol
Mark Bull U S Dep Agric
Mark Res Rep U S Dep Agric
Mark Res Rep U S Dep Agric Econ Res Serv
Math Biosci
Maydica
Meat Process
Mech Leafl Farmers Grow
Med Weter
Medd Gronl
Meheszet
Mekh Elektrif Sel'sk Khoz
Mem Tokyo Univ Agric
Merkbl Biol Bundesanst Land Forstwirtsch
Metabolism
Methods Cell Biol
Mezhdunar S-kh Zh
Mezogazd Tech
Mich Bot
Mich Farm Econ
Microsc Acta
Mikrochim Acta
Milk Ind
Mimeo Rep Fla Everglades Exp Stn (Belle Glade)
Minn Sci
MIRINZ Meat Indus Res Inst N Z
Misc Publ U S Dep Agric
Misc Rep Cent Overseas Pest Res
Mitt Bundesforschungsanst Forst Holzwirtsch
Mitt Eidg Anst Forstl Verschwes
Mod Vet Pract
Modern Schools
Mol Gen Genet (MGG)
Mol Pharmacol
Molineria Panaderia
Mondo Latte
MP Tex A M Univ Tex Agric Exp Stn
Muhle Mischfuttertech
Mukomol'no Elevat Prom-st'
Mushroom J
Mycologia
Mycopathol Mycol Appl
Mysore J Agric Sci
N Y Food Life Sci Bull N Y State Agric Exp Stn
N Z Entomol
N Z J Agric
N Z J Dairy Sci Technol
N Z Vet J
Nahrung
Nation's Schools
Natl Inst Anim Health Bull (Tokyo)
Natl Wool Grow
Nature
Nauch Dokl Vyssh Shk, Biol Nauk
Nematologica
Neth J Zool
Neue Bienenzucht
New Phytol
New Sci (London)
News Farmer Coop
News Farmer Coop U S Farmer Coop Serv
Nihon Sanshi Gakkai Nippon Sanshigaku J Seric Sci Jap
Nihon Shokuhin Eisei Gakkai J Food Hyg Soc Jap
Niigata Ken Nogyo Shikenjo Niigata Ken Nogyo Shikenjo Kenkyuhokoku J Niigata Agric Exp Stn
Nippon Kagaku Kaishi
Niwatori-no-kenkyu Nowatori No Kenkyusha (Poult J Poult Resassoc)
Nogyo Kisho J Agric Meteorol
Nor Skogind
Nord Veterinaermed
Not Agric
Not Neosan
Nouv Avic
Nova Hedwig
Nowe Roln
Nuovi Ann Ig Microbiol
Nutr Metab
Nutr Rep Int
Nutr Rev
Oecologia
OMEGA Int J Manage Sci
Orchard N Z
Orienter Landbrukstek Inst (Vollebekk)
Outlook Wash United Fresh Fruit Veg Assoc

LIST OF JOURNAL TITLE ABBREVIATIONS CITED

Ovochivnytstvo & Bashtannytstvo
Ovtsevodstvo
P R Tex Agric Exp Stn Coll Stn
PA U S Dep Agric
Pac Discov
Pac Northwest Lab Annu Rep USAEC Div Biomed Environ Res
Pag Bull
Pak J Biochem
Pan Pac Entomol
Pap Puu
Pathol Microbiol
Paysans
PB Natl Tech Inf Serv Commer
Pchelarstvo
Pchelovodstvo
Pedobiologia
Pepinier Hortic Maraich
Personnel J
Pestic Monit J
Pestic Sci
Phi Delta Kappan
Phillip J Sci
Photosynthetica
Phycologia
Phys Zool
Physiol Plant
Phytochemistry
Phytoparasitica
Phytopathol Mediterr
Phytopathology
Phytophylactica
Pig Farming
Plant Cell Physiol
Plant Chron
Plant Dis Rep
Plant Foods for Man
Plant Health Newsl Eur Mediterr Plant Protect Organ Publ Serb
Plant Med
Plant Physiol
Plant Res MSU AEC Plant Res Lab (Mich State Univ)
Plant Sci Lett
Plant Soil
Planta
Planzenschutz Nachr
Pluimveehouderij
PM Coop Ext Serv Iowa State Univ
PNW Bull (Pac Northwest Coop Ext)
Pochvovedenie
Pol Arch Hydrobiol
Polymer
Poult Ind
Power Farming
Pr Habilitacyjne Poznan Akad Roln
Pr Inst Lab Badaw Przem Spozyw
Pr Inst Sadow Skierniewicach
Prakt Schadlingsbekampf
Preslia
Prikl Biokhim Mikrobiol
Priroda (Mosk)
Problemy osvoeniia pustyn'
Proc Annu Congr S Afr Sugar Technol Assoc
Proc Annu Meet U S Anim Health Assoc
Proc Annu Oreg Weed Conf
Proc Beltwide Cotton Prod Res Conf
Proc Cent States For Tree Improv Conf
Proc Crop Sci Soc Jap
Proc Fert Soc Lond
Proc Indian Acad Sci, Sec B
Proc Int Meet Inst Manage Sci
Proc Natl Acad Sci U S A
Proc Queensl Soc Sugar Cane Technol
Proc R Soc Lond, B Biol Sci
Proc Soc Exp Biol Med
Proc Soil Sci Soc Am
Prod Agric Fr
Prof Nutritionist
Prog Agric Ariz
Prog Agric Vitic
Prog Food Nutr Sci
Przegl Hodowla
Psyche
Pub (Manit Dep Agric)
Publ Agric Can
Publ Avulsas Mus Goeldi Sesquicentenario
Publ Dep Environ Can For Serv
Publ Ext Serv Miss State Univ Coop U S Dep Agric
Publ Inst Florestal (Sao Paulo)
Publ Landbouw Econ Inst Afd Bedr Onderz Landbouw
Publ Ont Minist Agric & Food
Publ Ser A Ser Cient Invest Junta Nac Prod Pecu Serv Prod Commer
Publ Tec.-israel Inst Technol Agric Eng Fac
Pure Appl Chem
Q J Fla Acad Sci
Q J For
Q Rev Agric Econ
Queensl Agric J
R Agric Exp Stn Max C Fleischmann Coll Agric Univ Nev Reno
R T I A (Rev Tech Econ Ind Aliment)
Rad Poljopr Fak Univ Usarajevu
Radiat Res
Radiobiology
Rapp IB (Inst Bodemvruchbaar Haren Gr)
Rastenievud Nauk
Recht Landwirtsch
Recl Med Vet
Rep Date Grow Inst
Rep Water Resour Res Inst Univ N C
Res Bull Agric Home Econ Exp Stn Iowa State Univ Sci Tech
Res Bull Ga Exp Stn
Res Bull Hawaii Agric Exp Stn Univ Hawaii
Res Bull Idaho Agric Exp Stn Univ Idaho Coll Agric
Res Bull Nebr Agric Exp Stn
Res Bull Ohio Agric Res Dev Cent
Res Bull Purdue Univ Agric Exp Stn
Res Bull Univ Ga Coll Agric Exp Stn
Res Circ Ohio Agric Res Dev Cent
Res Farming (Raleigh)
Res Note NC USDA For Serv North Cent For Exp Stn For Serv U S Dep Agric
Res Rep Fed Repub Niger Fed Inst Ind Res
Res Rep Mont Agric Exp Stn Mont State Univ
Res Rep P OSU Agric Exp Stn (Okla State Univ)
Res Rep Univ Ga Coll Agric Exp Stn
Res Vet Sci
Restaurant Bus
Rev Asoc Argent Criad Cerdos
Rev Bryol Lichenol
Rev Cent Cienc Rurais
Rev Criad
Rev Ferment Ind Aliment
Rev Hortic Suisse
Rev Inst Adolfo Lutz
Rev Inst Agric Catalan San Isidro
Rev Inst Laticin Candido Tostes
Rev Invest Salud Publica
Rev Lait Fr
Rev Roum Biochim
Rev Suisse Agric
Rev Univ Cent Venez Fac Agron
Rev Vet Venez
Rev Vinic Int
Rev Zool Agric Pathol Veg
Rice Situation
Riso
Riv Parassitol
Rocz Glebozn
Rocz Nauk Roln
Rocz Panstw Zakl Hig
Rural Sociol
S Afr J Sci
S Afr Sugar J
Sabouraudia
Sadovod Vinograd Vinodel Mold
SB Univ Nebr Lincoln Coll Agric Agric Exp Stn
Sch Foodserv J
Schriftenr Land Sozialfragen
Schweiz Arch Tierheilkd
Schweiz Bienen-Zeitung
Sci Am
Sci Bull Fac Agric Kyushu Univ
Sci Chron
Sci Cult
Sci Proc R Dublin Soc, Ser B
Science
Scott Beekeep Scott Beekeep Assoc
Scott For
Search Agric
Sel Semenovod (Kiev)
Shokubutsu Bocki
Short Term Leafl Minist Agric Fish Food (Middlesex)
Sib Vestn S-kh Nauk
Silvae Genet
Slovenski Cebelar
Smaskrift Landbruksdep Opplysningstjenesten (Norway)
Smithson Contrib Bot
So Afr Bee J
Social Studies
Socioecon Environ Stud Ser EPA- US Environ Prot Agency Off Res Dev
Soil Conserv
Soil Sci
Soils Rep Manit Soil Surv
Soobshch Akad Nauk Gruz SSR
Southeast Asian J Trop Med Public Health
Sov Genet
Sov Plant Physiol
Spec Circ Pa State Univ Ext Serv
Spec Rep Mo Agric Exp Stn
Spec Rep Oreg State Univ Agric Exp Stn
Staff Pap Dep Agric Appl Econ Univ Minn
Stain Technol
Stat Bull U S Dep Agric
Stat Rep World Agric Prod Trade
Steenstrupia
Stud For Suec
Stud Neotrop Fauna
Study Tea
Succulenta
Sucr Fr
Sugarcane Pathol Newsl
Summ Proc Beltwide Cotton Prod-Mech Conf
Sver Utsadesforen Tidskr
Sylwan
Synchronos Georgia
Tabak
Tec Molit
Tech Bull Agric Exp Stn Univ Ariz
Tech Bull Dep Nat Resour (Madison)
Tech Bull U S Dep Agric
Tech Bull Wash Agric Exp Stn
Tech Lait
Telhan Patrik
Tetrahedron
Tetrahedron Lett
Tex Rep Biol Med
Text Prax Int Ed
Text Res J
Theriogenology
Tidskr Skogbruk
Tidsskr Plant
Tierzucht
Tierzuchter
Tijdschr Diergeneeskd
Timber Supply Rev
Toxicol Appl Pharmacol
Tr Vses Nauchno-Issled Inst Mekh Sel'sk Khoz
Training
Training Dev J
Trans Am Microsc Soc
Trans ASAE (Am Soc Agric Eng)
Trans Biochem Soc
Trans Br Mycol Soc
Trans Ky Acad Sci
Tree Plant Notes
Trop Ecol
Trop Geogr Med
Tropenlandwirt
Tropenmed Parasitol
Tsitol Genet
TSitologiia
Turrialba
Type A Topics
U S Agric Res Serv West Reg ARS W
U S D A For Ser Gen Tech Rep PNW Pac Northwest For Range Exp Stn
U S D A For Serv Gen Tech Rep I N T U S Intermt For Range Exp Stn
U S D A For Serv Res Pap FPl
U S D A For Serv Res Pap INT (U S Dep Agric Intermt For Range Exp Stn)
U S D A For Serv Res Pap S E For Serv U S Dep Agric Southeast For Exp Stn
U S For Serv Res Note RM (Rocky Mt For Range Exp Stn)
U S For Serv Res Pap RM (Rocky Mt For Range Exp Stn)
Ukr Bot Zh
Univ Wash Arbor Bull
Uroda
USDA For Ser Res Note NE (U S Dep Agric Northeast For Exp Stn)
USDA For Serv Gen Tech Rep NC North Cent For Exp Stn
USDA For Serv Gen Tech Rep NE (U S Dep Agric For Serv Northeast For Exp Stn)
USDA For Serv Gen Tech Rep RM Rocky Mt For Range Exp Stn For Serv U S Dep Agric
USDA For Serv Res Note PNW (Pac Northwest For Range Exp Stn U S Dep Agric)
USDA For Serv Res Notes PSW (Pac Southwest For Range Exp Stn U S Dep Agric)
USDA For Serv Res Pap PNW (U S Pac Northwest For Range Exp Stn)
USDA For Serv Res Pap PSW (Pacific Southwest For Range Exp Stn U S Dep Agric)
USDA For Serv Resour Bull NC (U S Dep Agric North Cent For Exp Stn)
VAE (Va Agric Econ)
Vaxtskyddsnotiser
Vcelar
Vcelarstvi
Vending Times
Versuchsergeb Bundesanst Pelanzenbau Samenpruf Wien
Vestn Akad Nauk Kaz SSR
Vestn Cesk Akad Zemed
Vestn S-kh Nauki (Mosc)
Vestn Stat
Vet Arh
Vet Econ
Vet Glas
Vet Med Nauki
Vet Pathol
Vet Rec
Veterinaria (Sarajevo)
Veterinariia (Mosk)
Vigneron Champenois
Virology
VM SAC (Vet Med Small Anim Clin)
Vopr Ekon
Vopr Virusol
WAA, World Agric Aviat
Water Resour
Weeds Trees Turf
Weinberg Keller
West Wildlands
What's New Home Econ
Wines Vines
Wiss Z Humboldt Univ Berl
Wood Ind
Wood Sci Technol
Wrightia
Z Angew Entomol
Z Bewasserungwirtsch
Z Kulturtech Flurbereinig
Z Med Mikrobiol Immunol
Z Morphol Tiere
Z Pflanzenernahr Bodenkd
Z Pflanzenkr Pflanzenschutz
Z Pflanzenphysiol
Z Pflanzenzucht
Z Tierpsychol
Zashch Rast
Zentralbl Bakteriol Parasit Infektiowskr Hyg, Zweite Naturwiss Abt
Zentralbl Bakteriol Parasitenkd Infekionskr Hyg, I Abt Orig, reihe A Med Mikrobiol Parasitol
Zentralbl Veterinarmed Beih
Zentralbl Veterinarmed, Reihe A
Zentralbl Veterinarmed, Reihe B
Zhivotnovudstvo
Zool Anz
Zool Beitr
Zool J Linn Soc
Zool Zh
Zootec Nutr Anim
Zootechnika (Warsz)
ZP (Zool Pol)

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GENERAL AGRICULTURE AND RURAL SOCIOLOGY

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